

PATENT COOPERATION TREAT 2 9 OCT 2004

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Amelianus		· · · · · · · · · · · · · · · · · · ·
Applicant's or agent's file reference P17249WO	FOR FURTHER ACTION See Form	PCT/IPEA/416
International application No.	International filing date (day/month/year)	Priority date (day/month/year)
PCT/SE2003/000520	01-04-2003	05-11-2002
International Patent Classification (IPC)	or national classification and IPC	10 11 2002
G06F9/46, H04L29/06		•
Applicant		
Telefonaktiebolaget L	M Ericsson et al	•
This report is the international pre- Authority under Article 35 and transport	eliminary examination report, established by the ansmitted to the applicant according to Article	nis International Preliminary Examining
2. This REPORT consists of a total	of 6 sheets, including this cover	
3. This report is also accompanied by		51 SHEEL
<u> </u>	· -	
a (sent to the applicant	and to the International Bureau) a total of	sheets, as follows:
and/or sneets	description, claims and/or drawings which hav containing rectifications authorized by this Aute Instructions).	we been amended and are the basis of this report athority (see Rule 70.16 and Section 607 of the
sheets which	supersede earlier sheets, but which this Author	rity considers contain an amendment that goes
beyond the di Supplemental	sciosure in the international application as file	d, as indicated in item 4 of Box No. I and the
Supplementar	BOX.	
b (sent to the Internatio	anal Bureau only) a total of (indicate type and	number of electronic carrier(s))
readable form only, as Administrative Instru	Sindicated in the Simplemental Roy Relating t	and/or tables related thereto, in computer to Sequence Listing (see Section 802 of the
4. This report contains indications re	lating to the following items:	
	f the report	
Box No. II Priority		·
Box No. III Non-est	ablishment of opinion with regard to novelty,	inventive sten and industrial applicability
	unity of invention	
Box No. V Reasone applicab	ed statement under Article 35(2) with regard to ility; citations and explanations supporting su	o novelty, inventive step or industrial
Box No. VI Certain	documents cited	on statement
Box No. VII Certain	defects in the international application	
Box No. VIII Certain	observations on the international application	
Date of submission of the demand	Data of completing	-0.0
	Date of completion	of this report
07-05-2004	21-10-2004	
Name and mailing address of the IPEA/SE		
Patent- och registreringsverket Box 5055		
S-102 42 STOCKHOLM	Lisbeth An	dersson/MN
Form PCT/IPEA/400 (cours short) (I	Telephone No. +46	8 782 25 00



International application No.

PCT/SE2003/000520

Box	No. I	Basis of the report
1.	With r	egard to the language, this report is based on the international application in the language in which it was filed, unless ise indicated under this item.
		This report is based on a translation from the original language into the following language which is the language of a translation furnished for the purposes of:
		international search (under Rules 12.3 and 23.1(b))
		publication of the international application (under Rule 12.4)
		international preliminary examination (under Rules 55.2 and/or 55.3)
2.	furnish	regard to the elements of the international application, this report is based on (replacement sheets which have been need to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" e not annexed to this report):
	\boxtimes	the international application as originally filed/furnished
		the description:
		pages as originally filed/furnished
		pages* received by this Authority on
		pages* received by this Authority on
	Ш	the claims:
		pages as originally filed/furnished
		pages* as amended (together with any statement) under Article 19 pages* received by this Authority on
		pages* received by this Authority on pages* received by this Authority on
		the drawings:
		pages as originally filed/furnished
		pages* received by this Authority on
		pages* received by this Authority on
		a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.
3.		The amendments have resulted in the cancellation of:
		the description, pages
		the claims, Nos.
		the drawings, sheets/figs
		the sequence listing (specify):
		any table(s) related to the sequence listing (specify):
_. 4.		This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
		the description, pages
		the claims, Nos.
		the drawings, sheets/figs
		the sequence listing (specify):
		any table(s) related to the sequence listing (specify):
*		4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/SE2003/000520

Во	x No. V	Reasoned statement u	nder Article ions supporti	35(2) with regard to novelty, inventive ng such statement	step or industrial applicability;
1.	Statement	:		, in the second	
	Nove	lty (N)	Claims Claims	1-45	YES NO
	Inven	tive step (IS)	Claims Claims	1-45	YES NO
	Indus	trial applicability (IA)	Claims Claims	1-45	YES NO

2. Citations and explanations (Rule 70.7)

Documents cited in the International Search Report:

D1: WO0190883 D2: WO9963737 D3: WO9944121

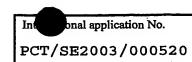
Documents D1-D3 have been re-evaluated by this Authority and are considered to represent the general state of the art, see arguments below. The invention defined in claims 1-45 is not disclosed by any of these documents. The cited prior art does not give any indication that would lead a person skilled in the art to the claimed telecommunication system, which has a receiver framework arranged for communicating with a donor framework through an application programming interface, so that service capability features specified in the donor service domain, are accessed. Therefore, the claimed invention is not obvious to a person skilled in the art.

Accordingly, the invention defined in claims 1-45 is novel and is considered to involve an inventive step. The invention is industrially applicable.

The problem to be solved is to provide means and methods for enabling the execution of an application in a user's home network that makes use of network services from a network in another domain, such as a visited network, through the OSA/PARLAY interface. The user's home network and the visited network belong to different domain operators, and wherein the network services are not registered in the user's home network. Another object of the present invention is to enable a domain offering service capabilities from another domain in addition to those offered by each domain itself [see paragraphs 0018 and 0019 in the description].

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INTERNATIONAL PRESENTANT REPORT ON PATENTABILITY



Supplemental Box

In case the space in any of the preceding boxes is not sufficient. Continuation of: Box V

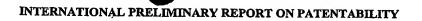
The invention contains a telecommunication system that has a receiver framework arranged for communicating with a donor framework through an open service access (OSA) application programming interface (API), so that the service capability features specified in a number of service enablers of a donor service domain, are accessed. Since an application programming interface is network independent, the evolution of core network technology without impact on service application is enabled, and also allows the service application to work in different types of core networks.

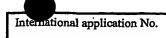
D1 describes a method for remotely invoking functions in a heterogeneous distributed computing environment including webcentric and Internet-centric distributed computing environments. This method enables clients to find transient documents and services by providing a mechanism to find general purpose documents which are expressed in a platform-independent and language-independent typing such as that provided by XML. This allows remote Java objects to behave as local Java objects by provision of method gates, and enables clients to invoke a computer programming language method on a service without actually generating a computer programming language method call [see e.g. the abstract and claims 1-16].

D2 describes a system that permits remote telecommunication services to automatically invoke a desired service at a desired time without requiring the user's presence during invocation. The desired time and data of invocation of a desired service is programmed in an information storage unit. A time sorter coupled to the storage unit accesses and sorts the services in chronological order according to the invocation times. An output signal is programmed to be automatically produced at a desired time to automatically invoke, at the remote provider, the desired service.

D3 describes a system for performing dynamic distributed computing over a network by allowing the client to select a server from a network to process task based on server availability or specialized server processing capabilities.

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PCT/SE2003/000520

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of: Box V

The system dynamically downloads a code on a computer server and executes the code on it and returns results to the calling client method. This technique does not require multiple copies of code to be downloaded nor compiled since the server code can be executed on all the different systems. The system code is generally compiled locally on the client and downloaded to the server as byte-code and is then executed.

Consequently, the cited documents D1-D3 do not describe either the problem or solution described in the invention.



International application No.

PCT/SE2003/000520

ox No.					
. Cer	tain pu	iblished documents (Rule 7	70.10)		
		Application No. Patent No.	Publication date (day/month/year)	Filing date (day/month/year)	Priority date (valid claim) (day/month/year)
		US6487607B1 WO0300762A1	26-11-2002 23-01-2003	20-03-1998 12-07-2002	13-07-2001
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No		en disclosures (Rule 70.9) Kind of non-written disclo	sure Date of non-	written disclosure	Date of written disclosure referring to non-written disclosur
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